

**Marked-Up Copy of Claims Amended
in Response to Restriction Requirement
and Preliminary Amendment**

1. (Amended) An isolated nucleic acid molecule selected from the group consisting of:

- a) a nucleic acid molecule having a nucleotide sequence which is at least 40% 90% identical to the nucleotide sequence of any one of SEQ ID NO: 1, 2, 9, 10, 33, 34, 38, 39, 46, 47, 54, 55, 59, SEQ ID NO: 60, 81, 82, and 92 or and the nucleotide sequence of a cDNA clone deposited with ATCC® as one of Accession numbers number PTA-147, PTA-150, 207230, and PTA-151, or a complement thereof;
- b) a nucleic acid molecule comprising at least 15 400 nucleotide residues and having a nucleotide sequence identical to at least 15 400 consecutive nucleotide residues of any one of SEQ ID NO: 1, 2, 9, 10, 33, 34, 38, 39, 46, 47, 54, 55, 59, SEQ ID NO: 60, 81, 82, and 92, or and the nucleotide sequence of a cDNA clone deposited with ATCC® as one of Accession numbers number PTA-147, PTA-150, 207230, and PTA-151, or a complement thereof;
- c) a nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of any one of SEQ ID NO: 3-8, 11-32, 35-37, 40-45, 48-53, 56-58, 61-63, 83-88, and 93-98, 61, SEQ ID NO: 63, or and the amino acid sequence encoded by a cDNA clone deposited with ATCC® as one of Accession numbers number PTA-147, PTA-150, 207230, and PTA-151, or a complement thereof; and
- d) a nucleic acid molecule which encodes a fragment of a polypeptide comprising the amino acid sequence of any one of SEQ ID NO: 3-8, 11-32, 35-37, 40-45, 48-53, 56-58, 61-63, 83-88, and 93-98, 61, SEQ ID NO: 63, or and the amino acid sequence encoded by a cDNA clone deposited with ATCC® as one of Accession numbers number PTA-147, PTA-150, 207230, and PTA-151 or its complement, wherein the fragment comprises at least 8 200 consecutive amino acid residues of any one of SEQ ID NO: 3-8, 11-32, 35-37, 40-45, 48-53, 56-58, 61-63, 83-88,

~~and 93-98-61, SEQ ID NO: 63, or and~~ the amino acid sequence encoded by ~~a~~the cDNA clone deposited with ATCC® as ~~one of~~ Accession numbers ~~number~~ PTA-147, PTA-150, 207230, and PTA-151 or its complement; and

~~e) a nucleic acid molecule which encodes a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of any of SEQ ID NO: 3-8, 11-32, 35-37, 40-45, 48-53, 56-58, 61-63, 83-88, and 93-98, wherein the nucleic acid molecule hybridizes to a nucleic acid molecule consisting of the nucleotide sequence of any of SEQ ID NO: 1, 2, 9, 10, 33, 34, 38, 39, 46, 47, 54, 55, 59, 60, 81, 82, and 92, or the nucleotide sequence of a cDNA clone deposited with ATCC® as one of Accession numbers PTA-147, PTA-150, 207230, and PTA-151, or a complement thereof under stringent conditions.~~

3. (Amended) The nucleic acid molecule of claim 1, further comprising a vector nucleic acid ~~sequences~~ sequence.

4. (Amended) The nucleic acid molecule of claim 1, further comprising a nucleic acid ~~sequences~~ sequence encoding a heterologous polypeptide.